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TI Concrete with high strength and low carbon emission
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PA Denki Kagaku Kogyo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
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DT Patent
LA Japanese
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CC 58-2 (Cement, Concrete, and Related Building Materials)
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CLASS

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JP 2001039756	ECLA	C04B011/05; C04B028/02

AB The title **concrete** contains cement, anhydrite generated as industrial waste having pH ≤ 4.5 , **limestone powder**, and optionally SiO₂-based industrial fine waste. The unit cement content is ≤ 280 kg/m³. The **concrete** has a 28-day compressive **strength** of ≥ 30 N/mm² and a C emission amount of ≤ 70 kg/m³.

ST waste anhydrite limestone concrete low carbon emission

IT Compressive **strength**

$\geq 30 \text{ N/mm}^2 \approx 4351.13 \text{ psi}$